

**Site Remediation MACT
AFMC Air Quality Managers Meeting
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Discussion Topics

- ! Source Category Scope
- ! Source Category Applicability
- ! Affected Sources
- ! Schedule
- ! Contact Information

Source Category Scope

(Office of Air Quality Planning and Standards's Recommendations)

Source Category Description

- ! Developed as part of the source category listing in July 16, 1992 Federal Register.
- ! We are recommending a revision to the source category description.
- ! Sources not part of the revised source category description:
 - CERCLA authority actions
 - RCRA Corrective Actions and RCRA Federal Order cleanups
 - Gasoline Stations
 - Farm sites
 - Residential sites
- ! State and local directed cleanup activities and other voluntary remediation would remain within the source category scope.

Source Category Applicability

(Office of Air Quality Planning and Standards's Recommendations)

Applicability Determination

- ! Facility subject to the standard if all of the following conditions are met:
 - Major source of HAP, and
 - An activity is performed at the facility that is covered by another source category of major sources, and
 - Remediation activities are performed.

- ! Facility not subject to the standard if any of the following apply:
 - The facility is not a major source of HAP.
 - No activities are performed that fall under the scope of another source category of major sources.
 - No remediation activities are performed at the facility.
 - A research and development facility meeting section 112(b)(7) of the CAA.

Affected Source Requirements

General

- ! Affected source is all vents, remediation material management units and equipment components involved in remediation activity.
- ! Only organic HAP are regulated.
- ! Facilitywide exemption if less than 1 megagram organic HAP extracted per year from all remediation activity.
- ! Exemption for “spills” where cleanup begins within seven days of occurrence.

Vents

- ! Control Requirements
 - Reduce emissions from the group of all vents involved in remediation by either 95% combined or to 3.0 lb/hr and 3.1 tons/yr combined.
- ! Exemptions (no control requirements)
 - Vents with low concentration and low-flow.
 - Material with a HAP concentration below 10 ppm by weight.

Affected Source Requirements (cont.)

Remediation Material Management Units

- ! Includes tanks, containers, surface impoundments, separators and transfer systems
- ! Control Requirements
 - Cover, or cover and vent to a control device; dependent on unit size, vapor pressure and percentage of volatile HAP present.
- ! Exemptions (no control requirements)
 - Each unit where material has an organic HAP concentration below 500 ppm by weight.
 - Facility-designated units managing less than 1 megagram organic HAP per year combined.

Equipment Leaks

- ! Includes components such as valves, pumps, connectors, etc.
- ! Control Requirements - LDAR program
- ! Exemptions (no control requirements)
 - Material contacting equipment contains less than 10 percent HAP by weight.
 - Equipment contacting remediation material less than 300 hrs/year.

Schedule

- ! Proposal signed by May 15, 2002.

Contact Information

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